

# WEST Search History

DATE: Monday, October 06, 2003

<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
side by side			result set
<i>DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES; OP=OR</i>			
L5	5080764.pn.	2	L5
L4	4585652.pn.	2	L4
L3	4585652	53	L3
L2	L1 and (conjugated adj1 polymer)	6	L2
L1	lu-w\$.in.	607	L1

END OF SEARCH HISTORY

L Number	Hits	Search Text	DB	Time stamp
1	48	"4585652"	USPAT	2003/10/06 15:11
2	1	("4585652").PN.	USPAT	2003/10/06 15:15
3	0	conjugate same (polymer adj1 electrode)	USPAT	2003/10/06 15:16
4	27	conjugate and (polymer adj1 electrode)	USPAT	2003/10/06 15:18
5	10	conjugated adj1 polymer adj1 electrode	USPAT	2003/10/06 15:18
6	16	conjugated adj1 polymer adj1 electrode	USPAT	2003/10/06 15:33
7	0	(conjugated adj1 polymer adj1 electrode) and (ionic adj1 liquid)	USPAT	2003/10/06 15:33
8	14	(conjugated adj1 polymer adj1 electrode) and (ionic)	USPAT	2003/10/06 15:37
9	10	((conjugated adj1 polymer adj1 electrode) and (ionic)) and (polyaniline or polythiophene)	USPAT	2003/10/06 15:48
10	0	((conjugated adj1 polymer adj1 electrode) and (ionic)) and (polyaniline or polythiophene)) and ((conjugated adj1 polymer adj1 electrode) and (ionic)) and (polyaniline or polythiophene)) and imidazol	USPAT	2003/10/06 15:51
11	0	((conjugated adj1 polymer adj1 electrode) and (ionic)) and (polyaniline or polythiophene)) and ((conjugated adj1 polymer adj1 electrode) and (ionic)) and (polyaniline or polythiophene)) and imidazolium	USPAT	2003/10/06 15:51
12	0	((conjugated adj1 polymer adj1 electrode) and (ionic)) and (polyaniline or polythiophene)) and ((conjugated adj1 polymer adj1 electrode) and (ionic)) and (polyaniline or polythiophene)) and imidazol) and electrolyte	USPAT	2003/10/06 15:52
13	9	((conjugated adj1 polymer adj1 electrode) and (ionic)) and (polyaniline or polythiophene)) and electrolyte	USPAT	2003/10/06 15:54
14	6	((conjugated adj1 polymer adj1 electrode) and (ionic)) and (polyaniline or polythiophene)) and anion	USPAT	2003/10/06 15:59
15	6	((conjugated adj1 polymer adj1 electrode) and (ionic)) and (polyaniline or polythiophene)) and anion) and cation	USPAT	2003/10/06 16:03
16	11	(conjugated adj1 polymer adj1 electrode) and anion and cation	USPAT	2003/10/06 16:11
17	13	conjugated adj1 polymer adj1 electrode	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/10/06 16:11
18	22	conjugated adj1 polymer adj1 electrode	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/10/06 16:14
19	153	(polymer adj1 electrode) and conjugated	USPAT	2003/10/06 16:18
20	362685	conjugated adj1 polymer	USPAT	2003/10/06 16:19
21	7865	(conjugated adj1 polymer) with electrode	USPAT	2003/10/06 16:19
22	938	conjugated adj1 polymer	USPAT	2003/10/06 16:20
23	93	(conjugated adj1 polymer) with electrode	USPAT	2003/10/06 16:28

24	22583	polyphenylene or polyphenylenevinylene or polyphenylenesulfide or polyfluorene or polypyrrole or polyaniline or polythiophene or polythiophenevinylene or polyfuran or polyacetylene	USPAT	2003/10/06 16:32
25	234910	pyridinium or pyridazinium or pyrimidinium or pyrazinium or imidazplium or prazolium or thiazolium or oxazolium or triazolium or ammonium or pyrrolidinium or pyrrolinium or pyrrolium or piperidinium	USPAT	2003/10/06 16:37
26	6	(conjugated adj1 polymer adj1 electrode) and (polyphenylene or polyphenylenevinylene or polyphenylenesulfide or polyfluorene or polypyrrole or polyaniline or polythiophene or polythiophenevinylene or polyfuran or polyacetylene) and (pyridinium or pyridazinium or pyrimidinium or pyrazinium or imidazplium or prazolium or thiazolium or oxazolium or triazolium or ammonium or pyrrolidinium or pyrrolinium or pyrrolium or piperidinium)	USPAT	2003/10/06 16:37

4,801,512

4,728,589

4,442,187